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Sheet 1 of 4

Complete if Known	
Application Number	10/673,719
Filing Date	9/29/2003
First Named Inventor	Michael Hu
Art Unit	
Examiner Name	
Attorney Docket Number	1142.1

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

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Sheet

2

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4

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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
Ch	2	BLOCK, H., Electro-rheology, J. Physics. D: Appl. Phys. 21, 1988, 1661-1677, IOP Publishing, UK.	
Ch	3	BOGUSH, G., Uniform Silica Particle Precipitation: An Aggregative Growth Model, J. Colloid and Interface Science, 3/1/01, 19-34, 142, 1, Academic Press, US.	
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An	5	BOGUSH, G., Preparation of Monodisperse Silica Particles: Control of Size and Mass Fraction, J. Non-Crystalline Solids 104, 1988, 95-106, Amsterdam.	
Ch	6	COLON, L., Packing Columns for Capillary Electromatography, J. Chromatography A, 887, 2000, 43-53, Elsevier.	
An	7	GAST, A., Electrorheological Fluids as Colloidal Suspensions, Ad. in Colloid and Interface Science, 30, 1989, 153-203, Elsevier.	
An	8	HARRIS, M., Theoretical and Experimental Invest. of Growth of Silica and Titania Particles in Low Molecular Wt. Alcohols, Mat. Res. Soc. Symp. Proc, 271, 1992, 291-296, US.	
An	9	HARRIS, M., Base-Catalyzed Hydrolysis and Condensation Reactions of Dilute and Concentrated Teos Solutions, J. Non-Cryst. Solids 121, 1990, 397-403, Elsevier.	
An	10	LOOK, J., Colloidal Interactions During Precip. of Uniform Submicrometre Particles, Faraday Discuss. Chem. Soc., 90, 1990, 345-357.	
An	11	Martin, J., Electrorheology of a Model Colloidal Fluid, J. Colloid and Interface Sci., 167, 1994, 437-452, Academic Press, US.	

Examiner Signature	<i>Ch. Nagorela</i>	Date Considered	11/14/06
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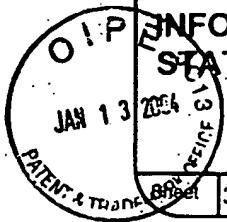
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Sheet 3		of 4	Attorney Docket Number
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Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
An	12	ZOU, H., Mololithic Stationary Phases for Liquid Chromatography and Capillary Electrochromatography, J of Chromatography A, 2002, 5-32, 954.	
An	13	LUEDTKE, S., Towards the Ultimate Minimum Particle Diameter of Silica Packings in Capillary Electrochromatography, J of Chromatography A, 2000, 339-346, 887	
An	14	TANAKA, N., Monolithic Silica Columns for High-Efficiency Chromatographic Separations, J of Chromatography A, (2002), 35-49, 965.	
An	15	HERMANSON, K., Dielectrophoretic Assembly of Electrically Functional Microwires from Nanoparticle Suspensions, Science 11/01, 1082-1086, 294, USA.	
Clm	16	FUDOUZI, H., Assembling 100 mm Scale Particles by an Electrostatic Potential Field, J Nanoparticle Research, 2001, 193-200, 3, Kluwer Publishing, Netherlands.	
An	17	FRADEN, S., Electric-Field-Induced Association of Colloidal Particles, Physical Review Letters, 11/1989, 2373-2376, 63, 21, USA.	
An	18	STOBER, W., Controlled Growth of Monodisperse Silica Spheres in the Micron Size Range, J Colloid and Interface Science, 1968, 62-69, 26, USA.	
An	19	SANTACESARIA, E., Kinetics of Titanium Dioxide Precipitation by Thermal Hydrolysis, 5/1986, 44-53, 111, No. 1, Academic Press, USA.	
Clm	20	MIMOUNI, Z., Field-induced Structure in a Colloidal Suspension, Prog Colloid Polym Sci, 1990, 120-125, 81, Springer-Verlag, New York.	
An	21	PURSCH, M., Stationary Phases for Capillary Electrochromatography, 2000, 313-326, J of Chromatography A, 2000, 887, Amsterdam.	

Examiner Signature	<i>Ab. Nagorela</i>	Date Considered	11/14/06
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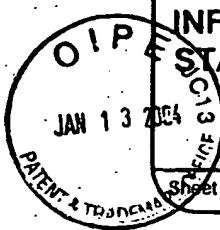
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AM	22	RATNAYAKE, C., Characteristics of Particle-Loaded Monolithic Sol-Gel Columns for Capillary Electrochromatography, J of Chromatography A, 2000, 277-285, 887, Amsterdam.	
AM	23	SCHWAN, H., Interactions Between Electromagnetic Fields and Cells, NATO Advanced Research Workshop, 1984, 97, 371, Plenum Press, NY.	
AM	24	SHER, L., On the Possibility of Nonthermal Biological Effects of Pulsed Electromagnetic Radiation, Biophysical Journal, 1970, 970-979, 10, USA.	
AM	25	SVEC, F., Design of the Monolithic Polymers Used in Capillary Electrochromatography Columns, J of Chromatography A, 2000, 3-29, 887, Elsevier.	
AM	26	TAKASHIMA, S., Alignment of Microscopic Particles in Electric Fields and Its Biological Implications, Biophysical Society, 4/1985, 513-518, 47, USA.	
AM	27	TANG, Q., Capillary Electrochromatography Using Continuous-Bed Columns of Sol-Gel Bonded Silica Particles with Mixed-Mode Octadecyl and Propylsulfonic Acid Functional	
		(continued) Groups, J of Chromatography A, 2000, 265-275, 887, Elsevier.	
AM	28	TANG, Q., Monolithic Columns Containing Sol-Gel Bonded Octadecylsilica for Capillary Electrochromatography, J of Chromatography A, 1999, 35-50, 837, Elsevier.	
AM	29	WINSLOW, W., Induced Fibration of Suspensions, Applied Physics, 1949, 1137-1140, 20, USA.	

Examiner Signature	<i>Abu Nayefala</i>	Date Considered	11/14/06
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